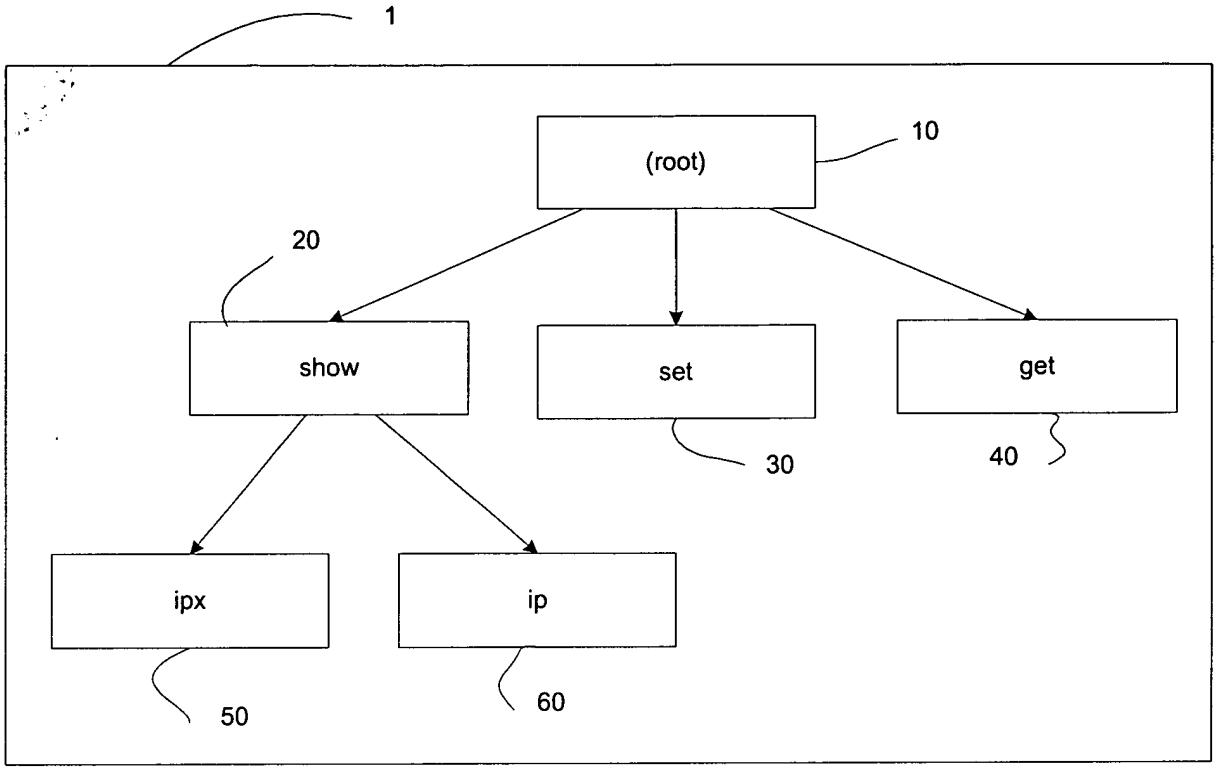


Fig. 1

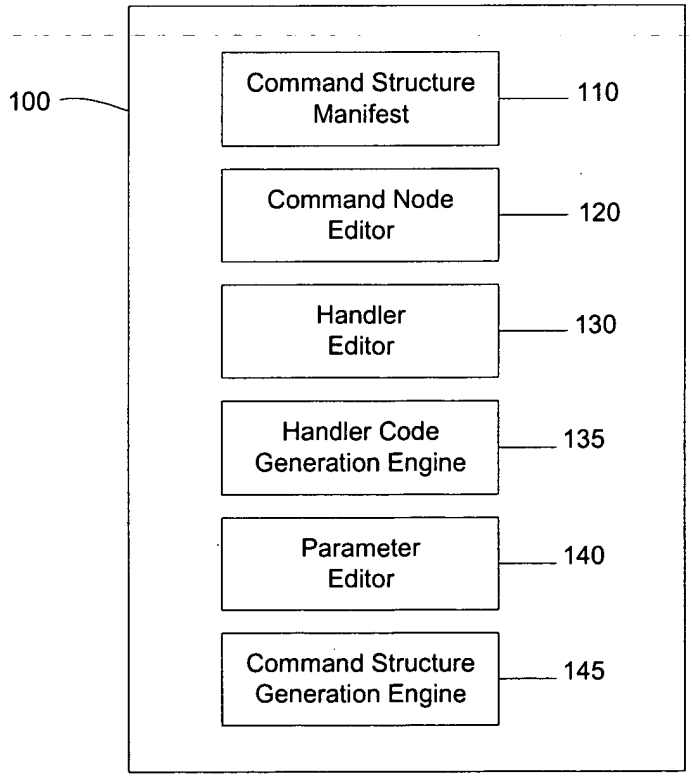


Fig. 2

1 0 0 2 0 4 0 3 . 0 9 5 4 7 3 6 0 9

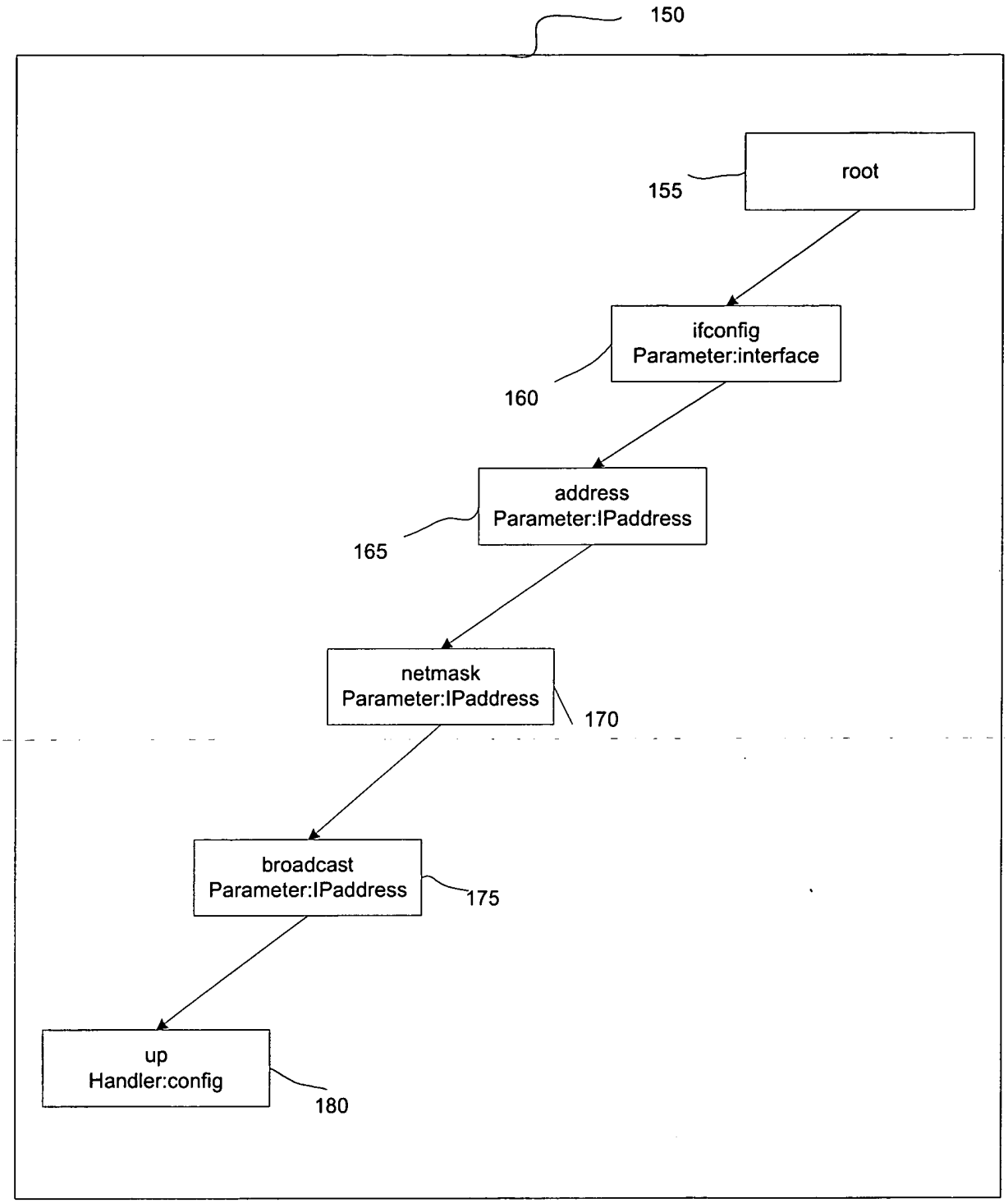

150
root
155
ifconfig
Parameter:interface
160
address
Parameter:IPaddress
165
netmask
Parameter:IPaddress
170
broadcast
Parameter:IPaddress
175
up
Handler:config
180

Fig. 3

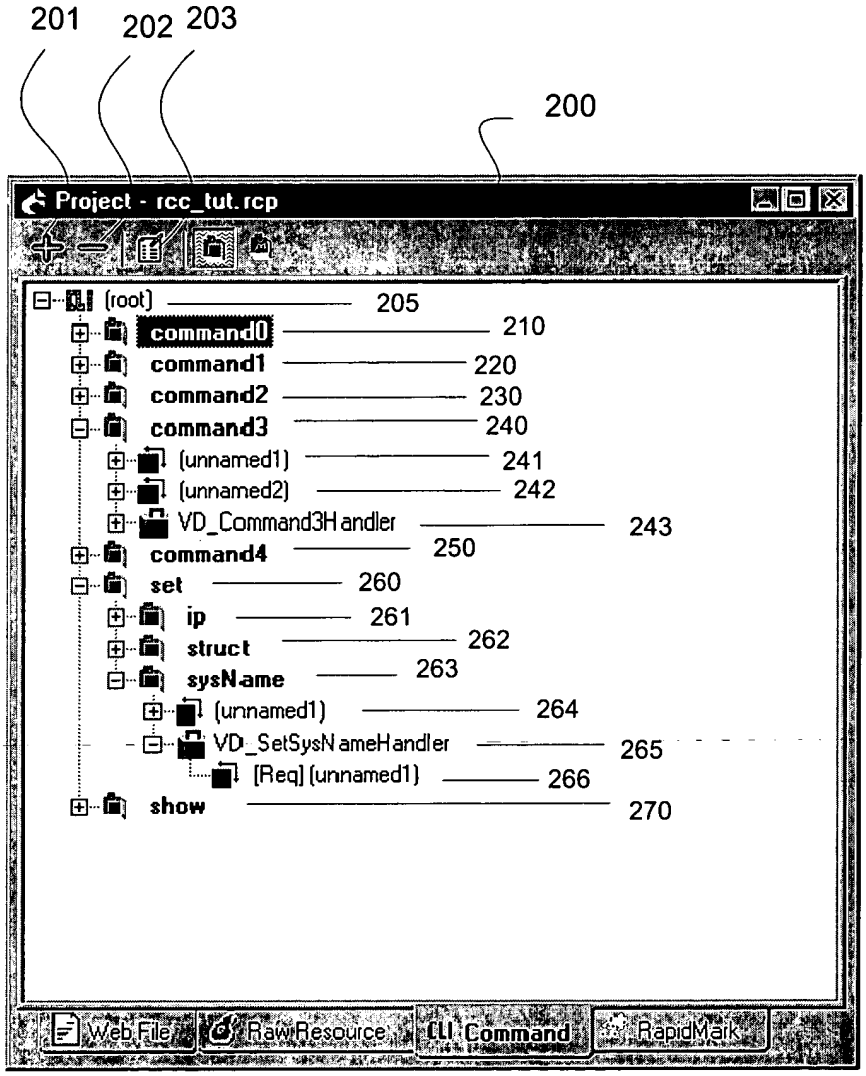

201
202
203
200
Project - rcc_tut.rcp
(root)
205
command0
210
command1
220
command2
230
command3
240
(unnamed1)
241
(unnamed2)
242
VD_Command3Handler
243
command4
250
set
260
ip
261
struct
262
sysName
263
(unnamed1)
264
VD_SetSysNameHandler
265
[Req] (unnamed1)
266
show
270
Web File
Raw Resource
CLI Command
RapidMark

Fig. 4

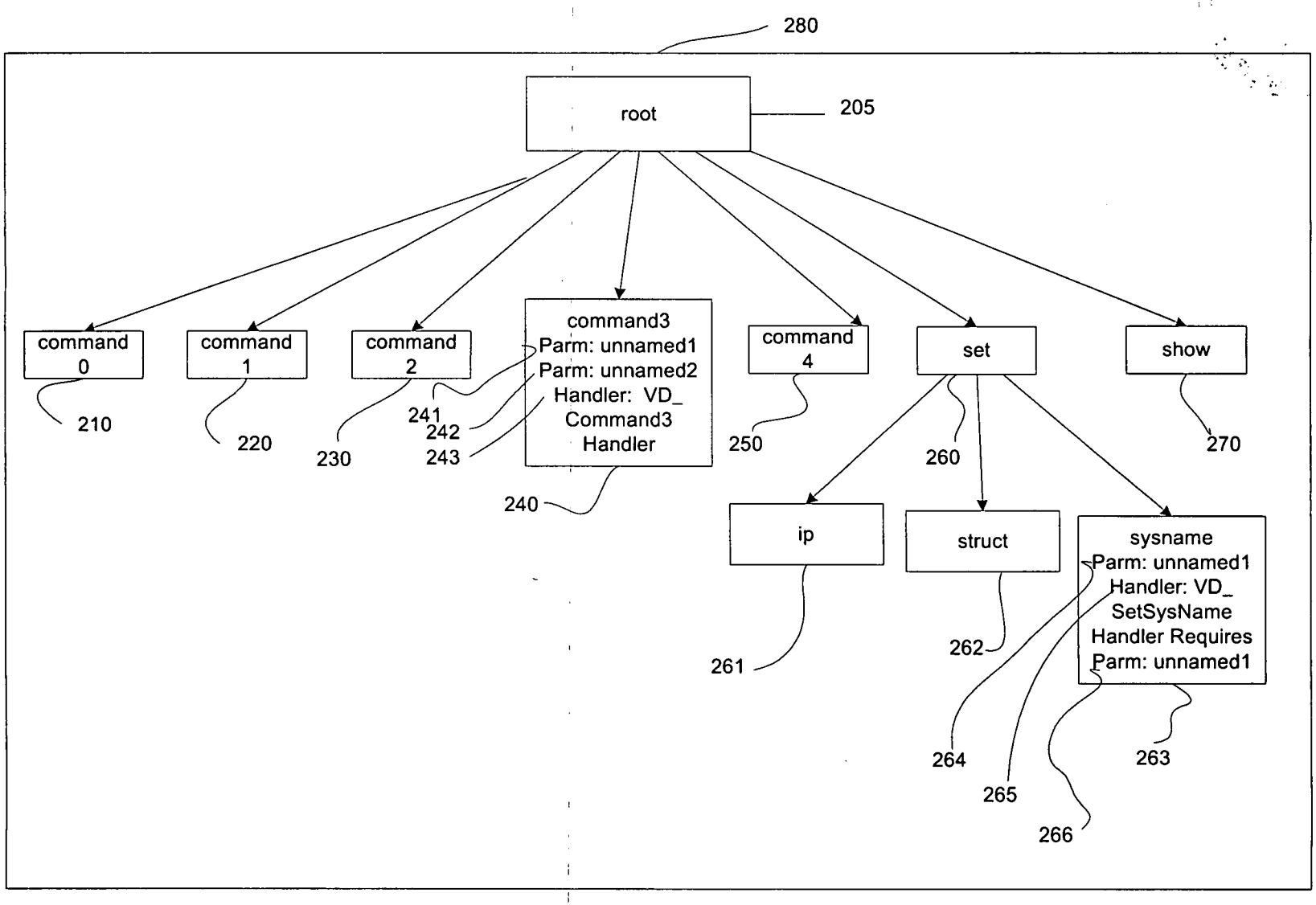

280
root
205
command 0
command 1
command 2
command3
Parm: unnamed1
Parm: unnamed2
Handler: VD_
Command3
Handler
command 4
set
show
210
220
230
241
242
243
240
250
260
270
ip
struct
sysname
Parm: unnamed1
Handler: VD_
SetSysName
Handler Requires
Parm: unnamed1
261
262
263
264
265
266

Fig. 5

Add a Command --300

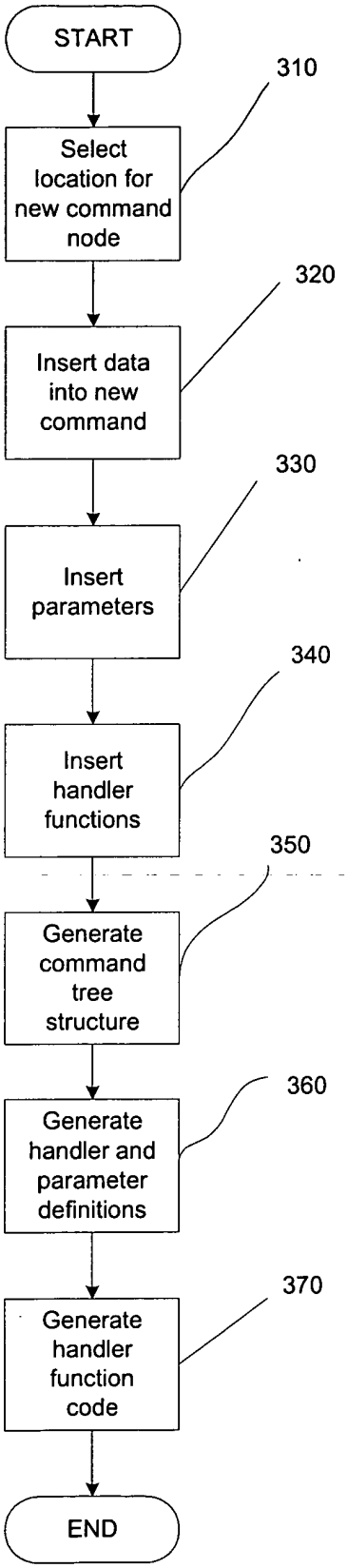


Fig. 6

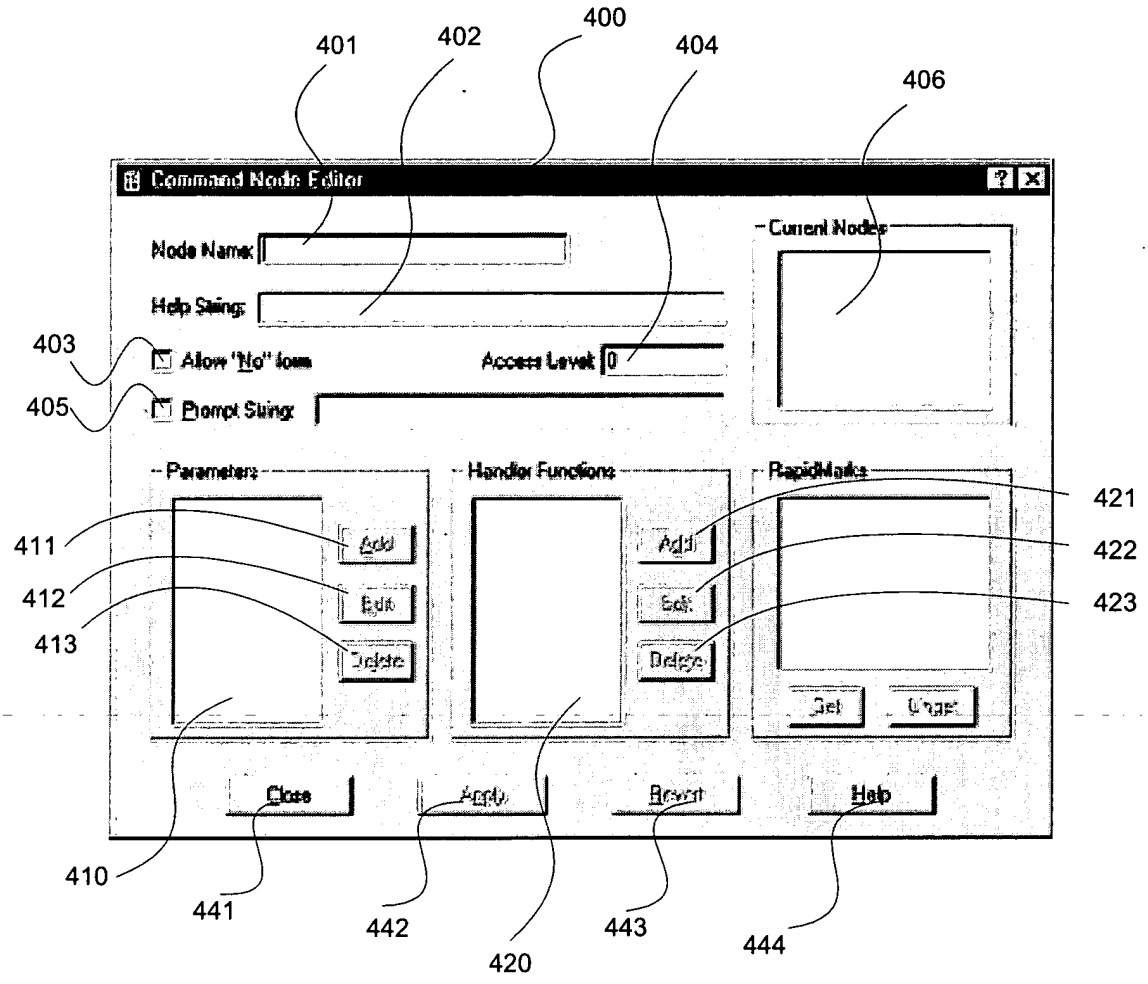

401
402
400
404
406
Command Node Editor
Node Name:
Help String:
Current Nodes
403
Allow 'No' Icon
Access Level
0
405
Prompt String:
Parameters
Handler Functions
RapidMarks
411
412
413
Add
Edit
Delete
Add
Edit
Delete
Set
Unset
421
422
423
Close
Apply
Revert
Help
410
441
442
420
443
444

Fig. 7

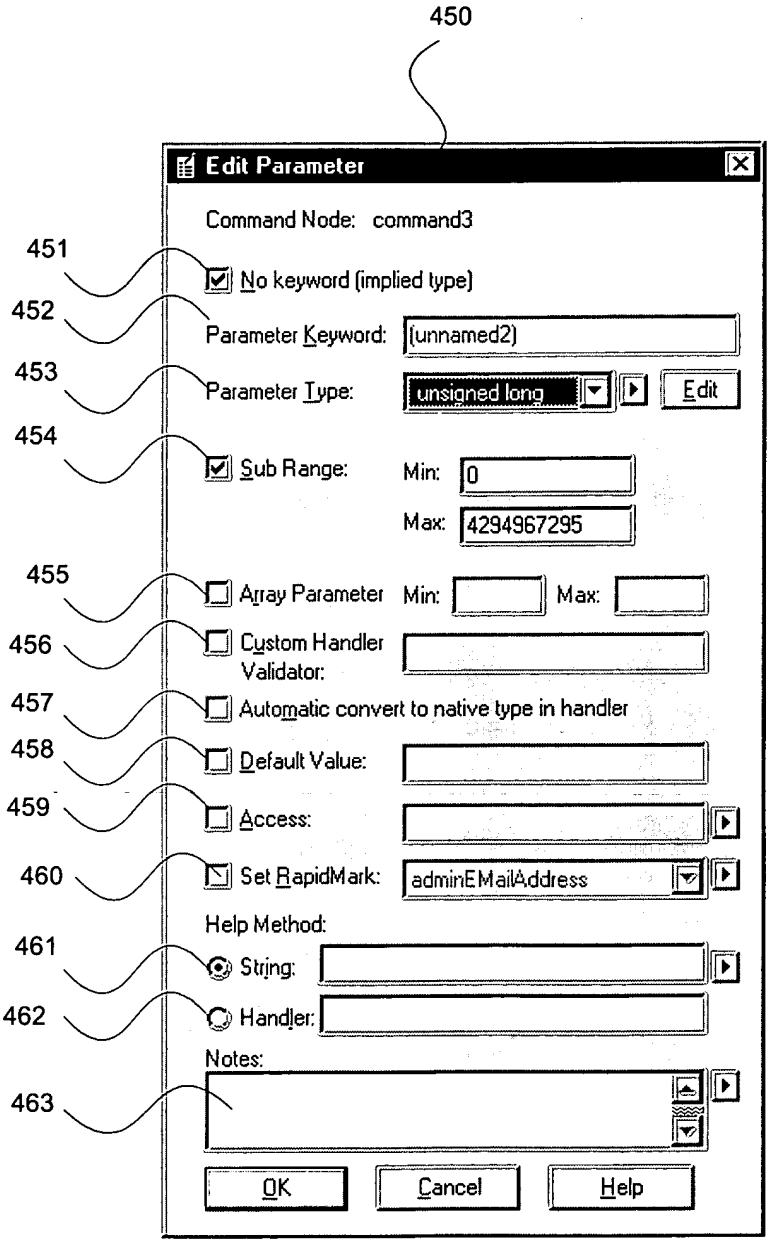

450
Edit Parameter
Command Node: command3
451
No keyword (implied type)
452
Parameter Keyword:
(unnamed2)
453
Parameter Type:
unsigned long
Edit
454
Sub Range:
Min:
0
Max:
4294967295
455
Array Parameter
Min:
Max:
456
Custom Handler Validator:
457
Automatic convert to native type in handler
458
Default Value:
459
Access:
460
Set RapidMark:
adminEMailAddress
Help Method:
461
String:
462
Handler:
Notes:
463
OK
Cancel
Help

Fig. 8

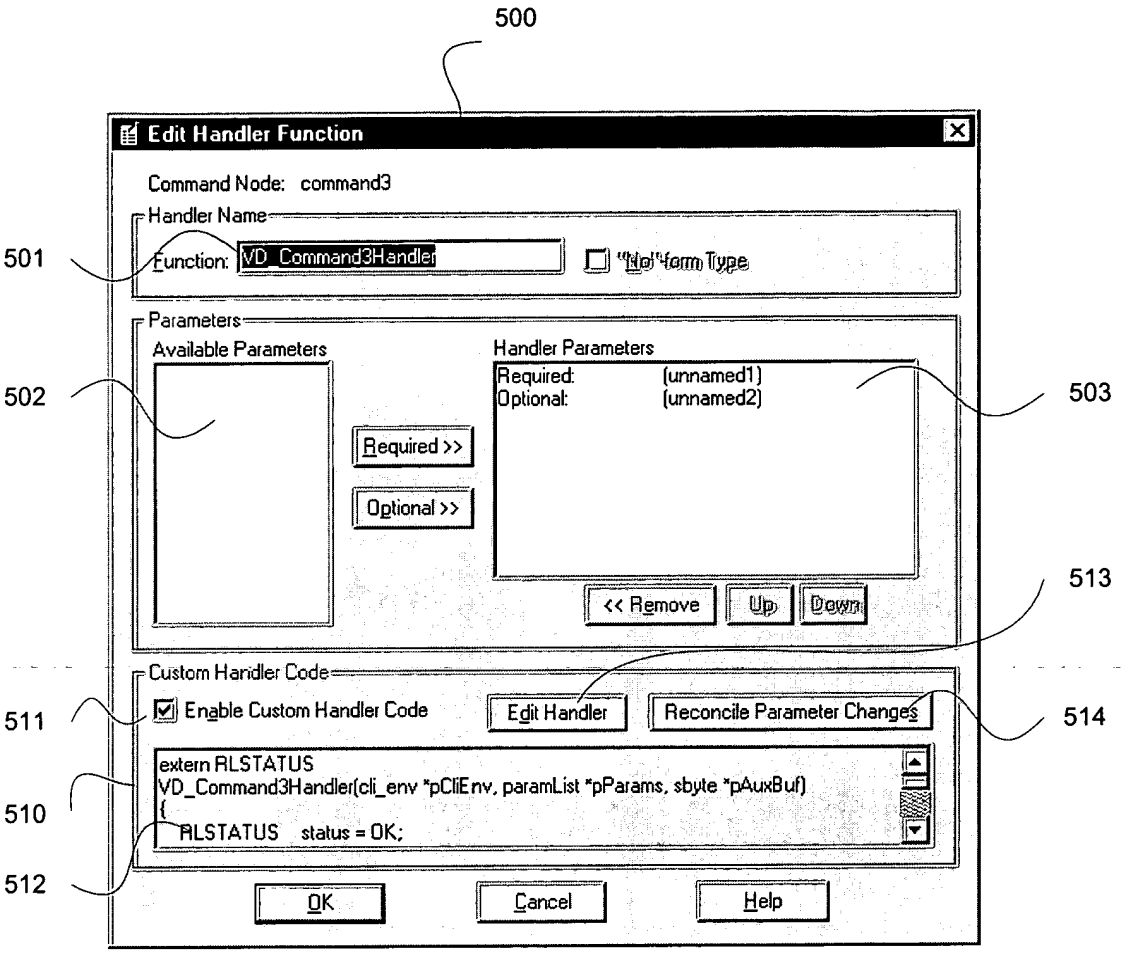

500
Edit Handler Function
Command Node: command3
Handler Name
Function: VD_Command3Handler
"No" form Type
Parameters
Available Parameters
Handler Parameters
Required: (unnamed1)
Optional: (unnamed2)
Required >>
Optional >>
<< Remove
Up
Down
Custom Handler Code
Enable Custom Handler Code
Edit Handler
Reconcile Parameter Changes
extern RLSTATUS
VD_Command3Handler(cli_env *pCliEnv, paramList *pParams, sbyte *pAuxBuf)
{
RLSTATUS status = OK;
OK
Cancel
Help
501
502
503
511
510
512
513
514

Fig. 9

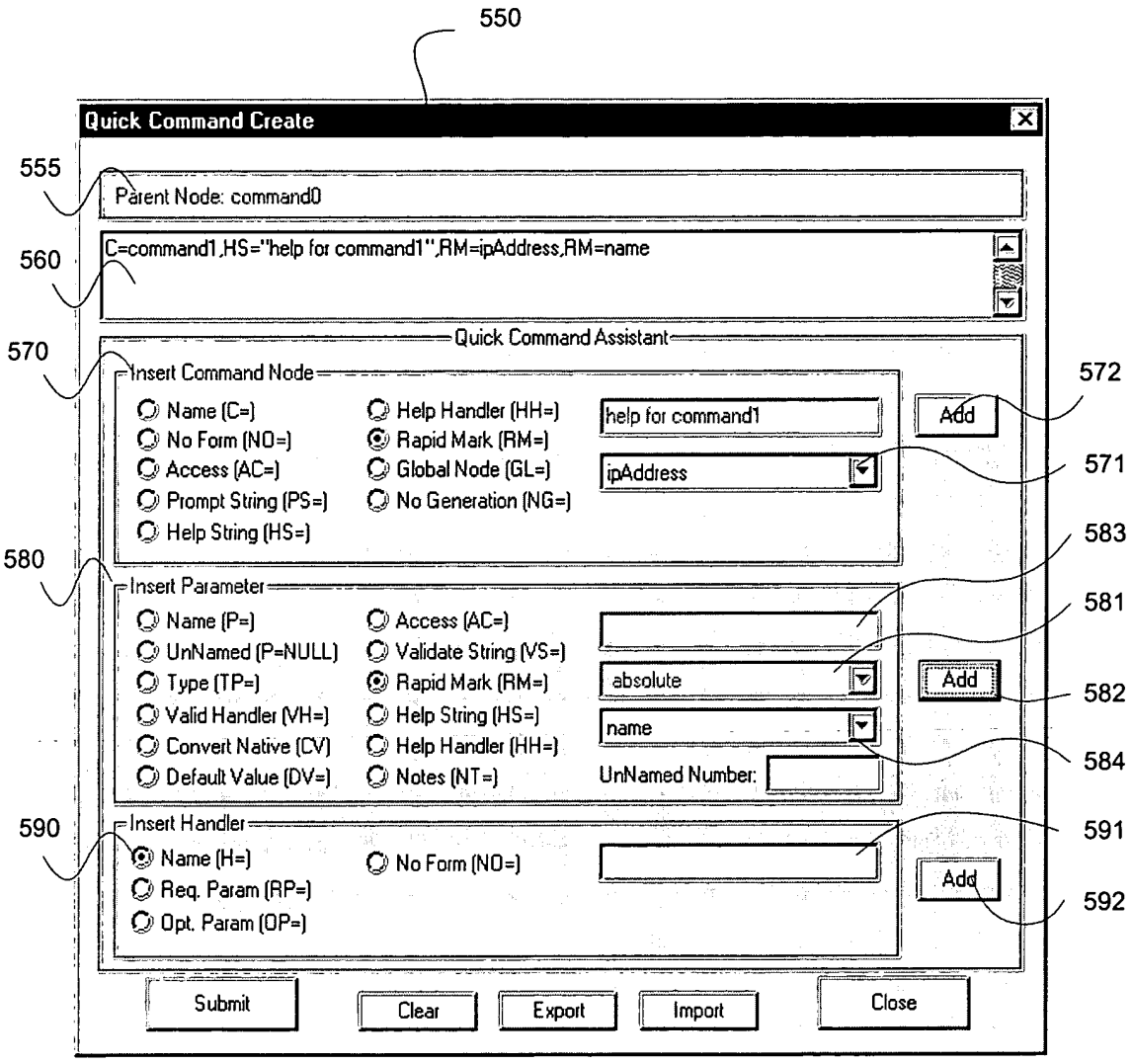

550
Quick Command Create
555
Parent Node: command0
560
C=command1,HS="help for command1",RM=ipAddress,RM=name
570
Quick Command Assistant
Insert Command Node
Name (C=)
No Form (NO=)
Access (AC=)
Prompt String (PS=)
Help String (HS=)
Help Handler (HH=)
Rapid Mark (RM=)
Global Node (GL=)
No Generation (NG=)
help for command1
ipAddress
Add
572
571
580
Insert Parameter
Name (P=)
UnNamed (P=NULL)
Type (TP=)
Valid Handler (VH=)
Convert Native (CV)
Default Value (DV=)
Access (AC=)
Validate String (VS=)
Rapid Mark (RM=)
Help String (HS=)
Help Handler (HH=)
Notes (NT=)
absolute
name
UnNamed Number:
Add
583
581
582
584
590
Insert Handler
Name (H=)
Req. Param (RP=)
Opt. Param (OP=)
No Form (NO=)
Add
591
592
Submit
Clear
Export
Import
Close

Fig. 10

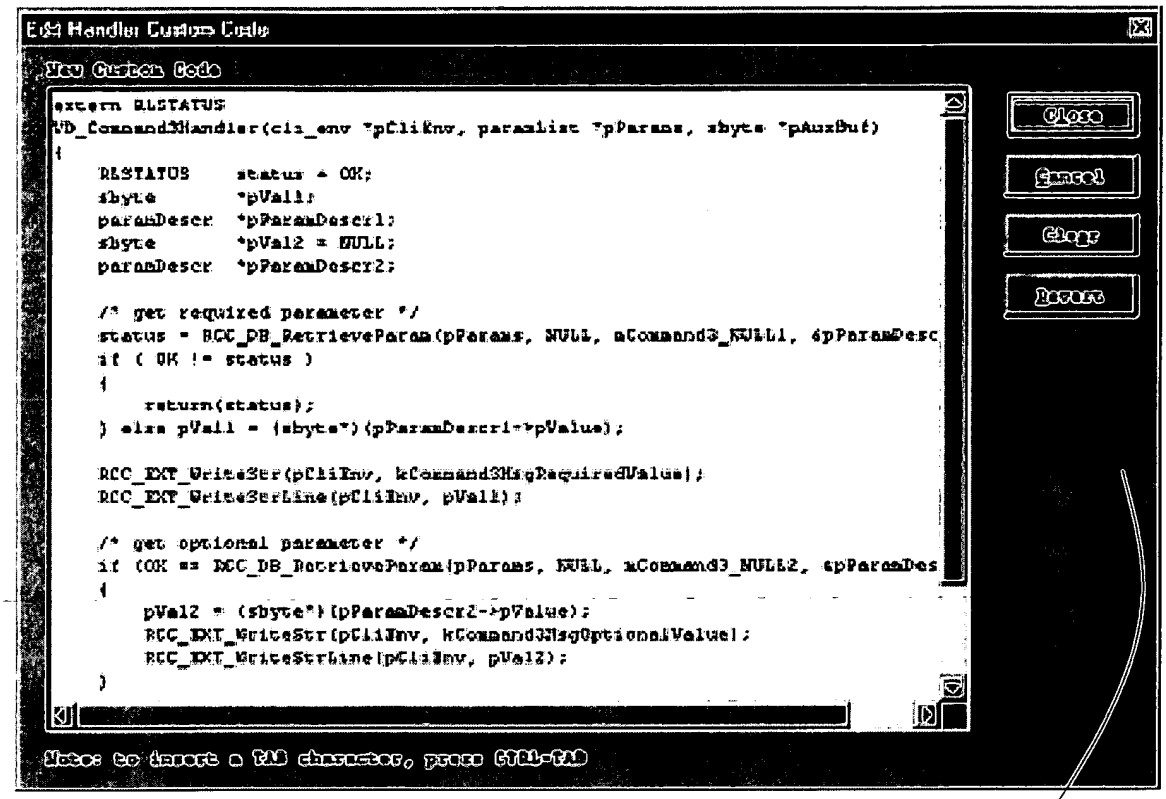

Edit Handler Custom Code
New Custom Code
extern RLSTATUS
UD_Command3Handler(cli_env *pCliEnv, paramlist *pParams, sbyte *pAuxBuf)
{
RLSTATUS status = OK;
sbyte *pVal1;
paramDescr *pParamDescr1;
sbyte *pVal2 = NULL;
paramDescr *pParamDescr2;
/* get required parameter */
status = RCC_DB_RetrieveParam(pParams, NULL, mCommand3_NULL1, &pParamDesc
if (OK != status)
{
return(status);
} else pVal1 = (sbyte*)(pParamDescr1->pValue);
RCC_EXT_WriteStr(pCliEnv, mCommand3MsgRequiredValue);
RCC_EXT_WriteStrLine(pCliEnv, pVal1);
/* get optional parameter */
if (OK == RCC_DB_RetrieveParam(pParams, NULL, mCommand3_NULL2, &pParamDes
{
pVal2 = (sbyte*)(pParamDescr2->pValue);
RCC_EXT_WriteStr(pCliEnv, mCommand3MsgOptionalValue);
RCC_EXT_WriteStrLine(pCliEnv, pVal2);
}
Close
Cancel
Clear
Revert
Note: to insert a TAB character, press CTRL-TAB
600

Fig. 11

Fig. 12

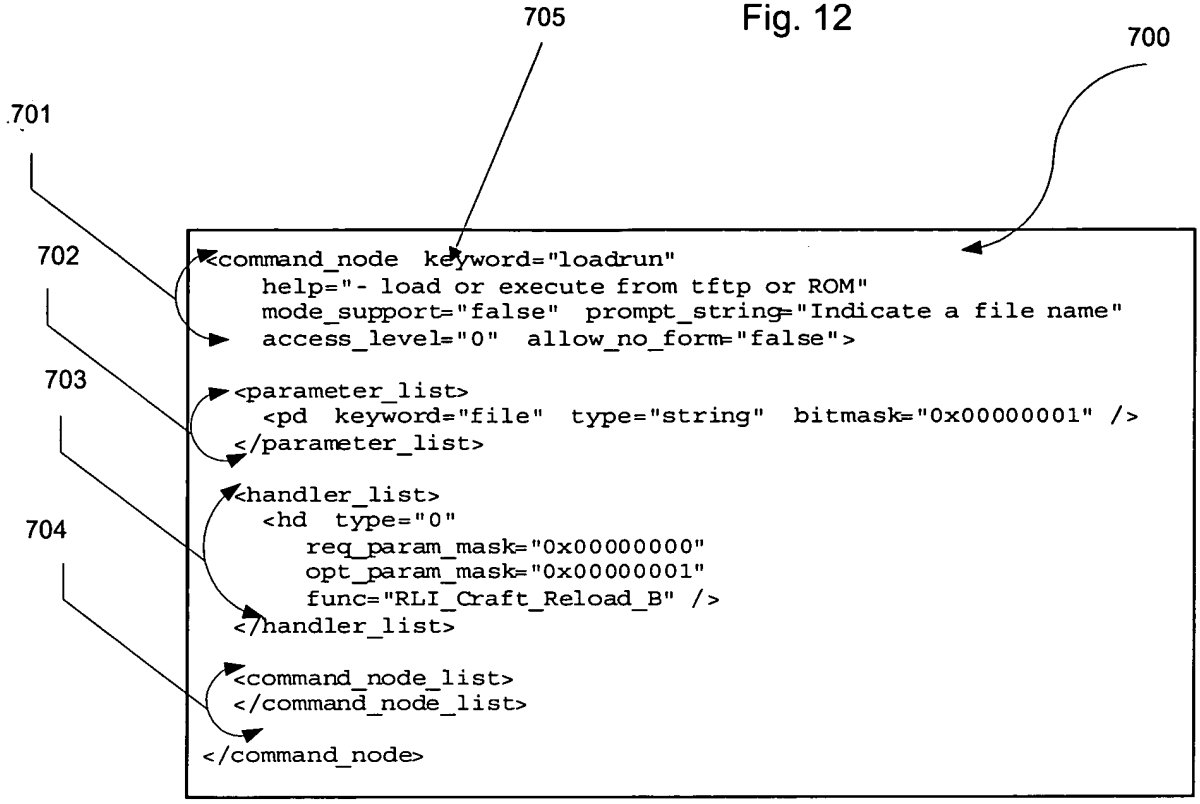
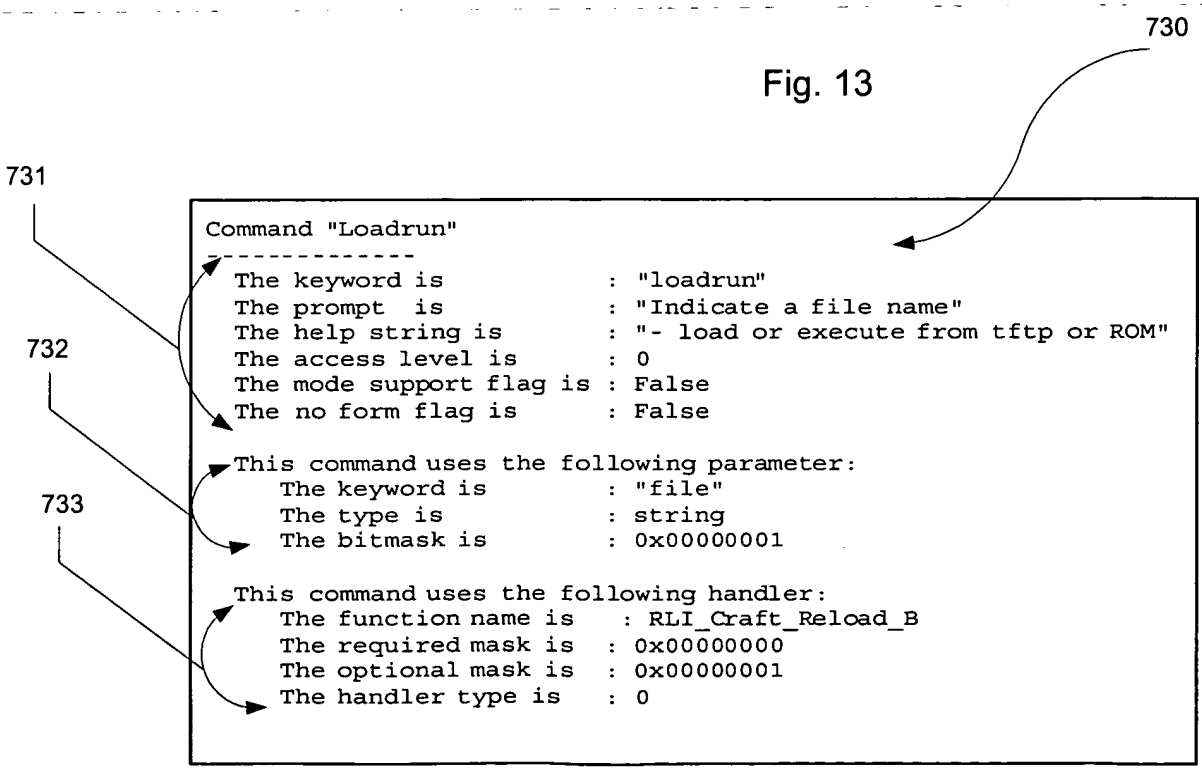
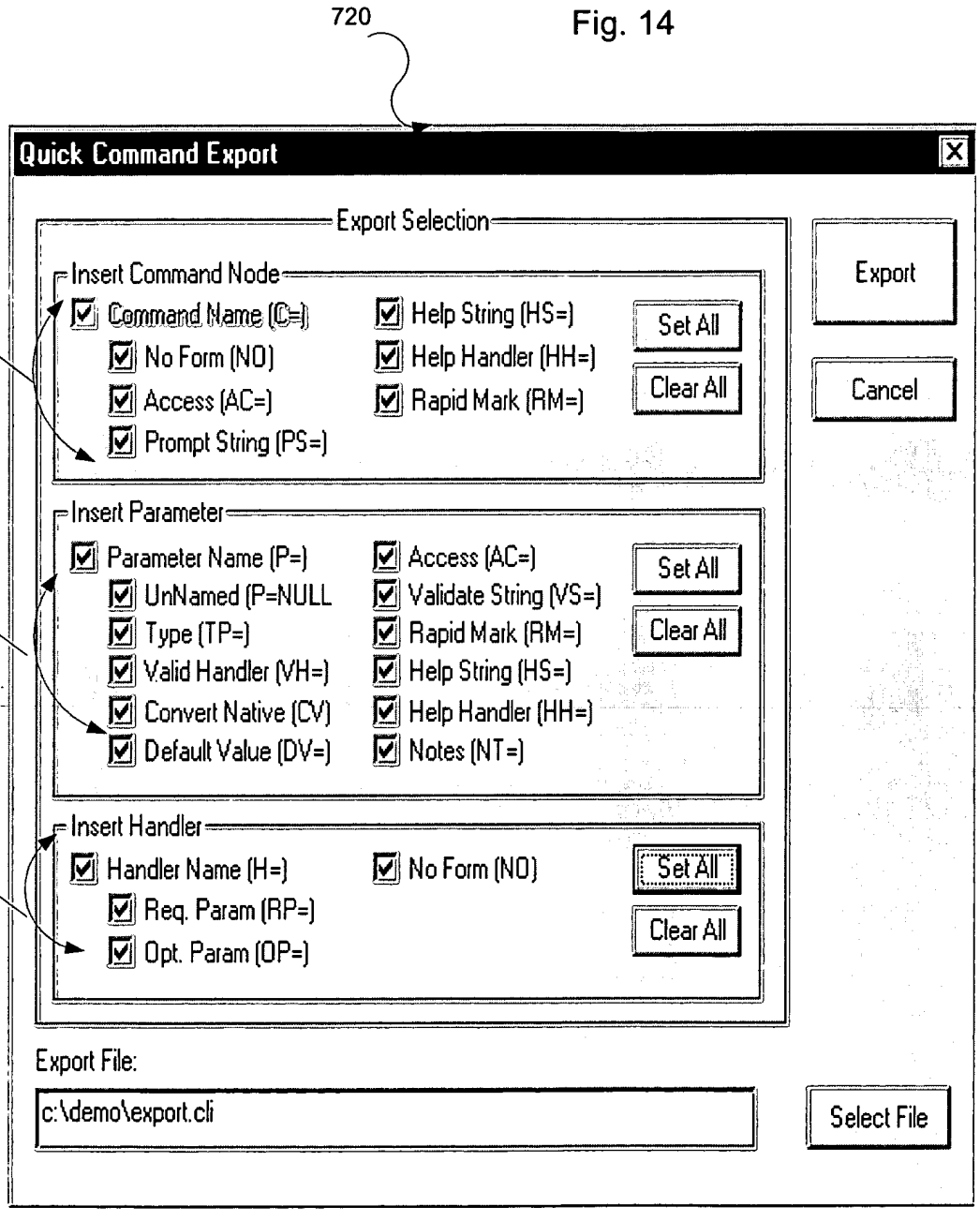


Fig. 13



0945444 0050401

Fig. 14


720
Quick Command Export
Export Selection
721
Insert Command Node
Command Name (C=)
No Form (NO)
Access (AC=)
Prompt String (PS=)
Help String (HS=)
Help Handler (HH=)
Rapid Mark (RM=)
Set All
Clear All
722
Insert Parameter
Parameter Name (P=)
UnNamed (P=NULL
Type (TP=)
Valid Handler (VH=)
Convert Native (CV)
Default Value (DV=)
Access (AC=)
Validate String (VS=)
Rapid Mark (RM=)
Help String (HS=)
Help Handler (HH=)
Notes (NT=)
Set All
Clear All
723
Insert Handler
Handler Name (H=)
Req. Param (RP=)
Opt. Param (OP=)
No Form (NO)
Set All
Clear All
Export
Cancel
Export File:
c:\demo\export.cli
Select File

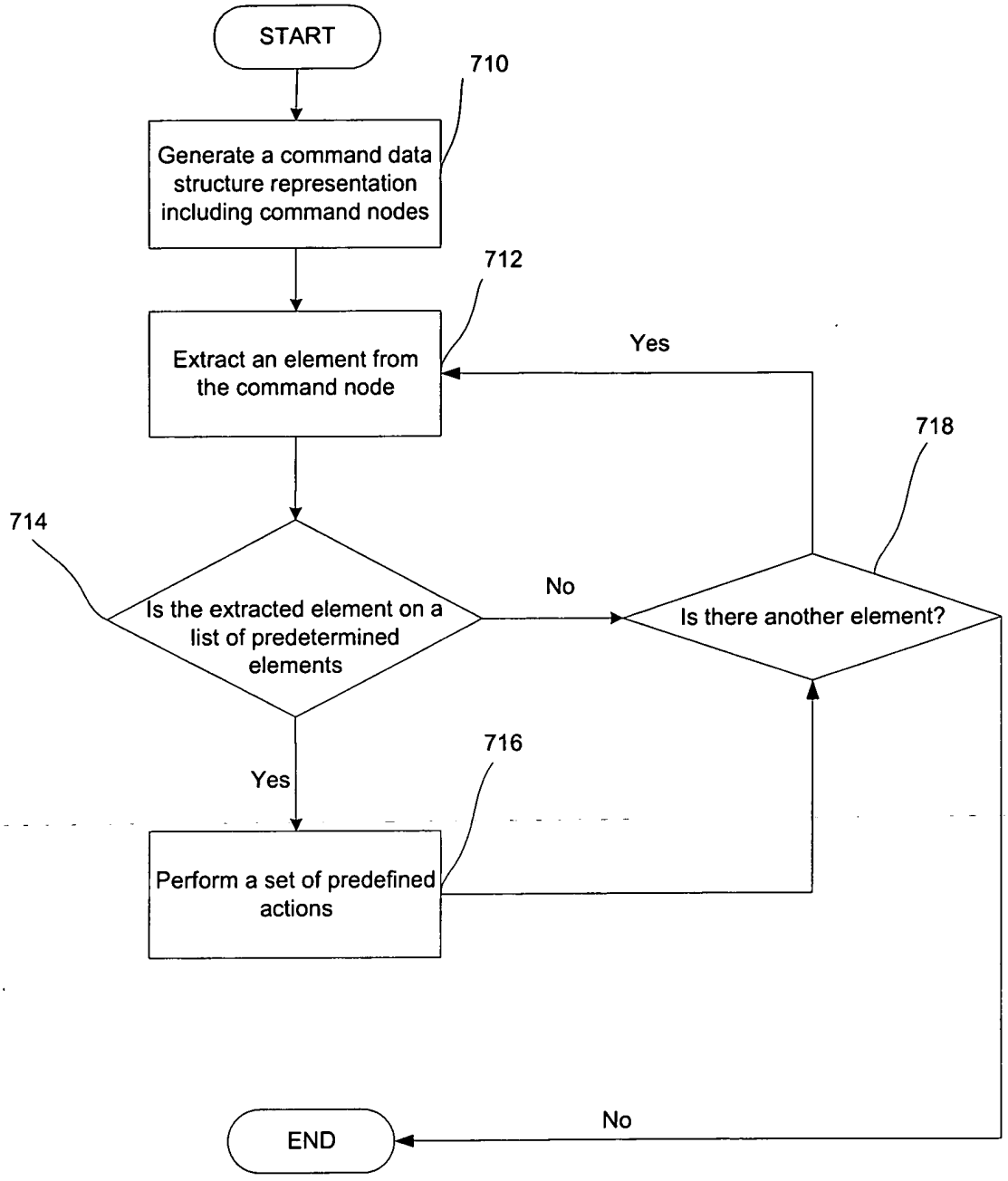

START
710
Generate a command data structure representation including command nodes
712
Extract an element from the command node
Yes
718
714
Is the extracted element on a list of predetermined elements
No
Is there another element?
Yes
716
Perform a set of predefined actions
END
No

Fig. 15